

GOUCHER COLLEGE
BALTIMORE, MARYLAND

October 25, 1924

Dr. Waldo L. Schmitt,
U.S. National Museum,
Washington, D.C.

Dear Dr. Schmitt:

Your letter of the 17th was duly received, but acknowledgement delayed for the usual reason.

I was very much pleased to know that Dr. Boschma has expressed a desire to go to Tortugas next summer, and that such substantial progress toward gratifying the wish has been made.

There is no doubt, I believe, that the Laboratory will be opened for another three-month season. I am hoping very earnestly that you and Taylor and I can make a joint investigation of the feeding habits of a number of species of a single genus, say *Haemulon*. I believe the results would be interesting. You and I could do that alone as a matter of fact, since the algae play a minor, and perhaps only an accidental role as food for them.

If I can say a word at the proper time, I shall be glad to do it in Dr. Boschma's interest, although I think it will scarcely require it.

With best wishes,

Sincerely yours,

W. S. Longley

September 23, 1924.

Prof. W. H. Longley,
Goucher College,
Baltimore, Md.

My dear Dr. Longley:-

With this I hand you the few words I have put together regarding my time at Tortugas. It has been more of a task to compose this, I fear, insufficient bit than I anticipate the final report on the material I brought back will be.

Do not hesitate to slash, emend, or suggest for that is why I send it to you first. I am more than willing to try again, and meet with any suggestion you may offer.

We have about finished sorting all the material, and on looking it over I find I did not realize I had so much. For that reason I have not been able to check over any identifications in anticipation of this preliminary report. And further, I have promised to mail it to Mr. Gilbert not later than Friday evening.

Early next week I hope to be able to get down to brass tacks with the systematics of the collection.

With my best regards to you and pleasant memories of our Tortugas days,

Sincerely

I added Mayer note 7215 (No 14
year book) p. 185 to H. Longley's
letter.

July 10, 1924.

Mr. Walter M. Gilbert,
Administrative Secretary,
Carnegie Institution of Washington,
Washington, D. C.

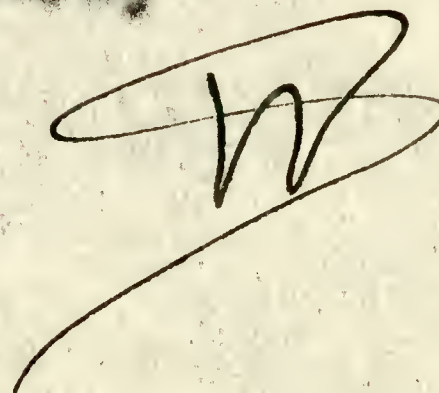
My dear Mr. Gilbert:

I thank you kindly for the check which you sent me. The sum, \$100, will be applied to my transportation expenses, which as I am going by rail, will be somewhat in excess of the amount allowed me. Upon my return I shall report to you that this sum has been expended for travel and thus cancelling, I hope, the obligation, without recourse to vouchers.

I thank you for your good wishes, and with kind regards, I am

Sincerely yours,

WLS:C

A handwritten signature in dark ink, consisting of a stylized, cursive 'W' followed by a long, sweeping horizontal stroke that extends to the right.

CARNEGIE INSTITUTION OF WASHINGTON
WASHINGTON, D.C.

July 7, 1924

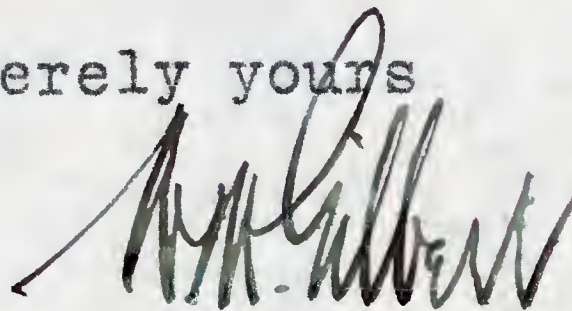
Dr. Waldo L. Schmitt
U. S. National Museum
Washington, D.C.

My dear Dr. Schmitt

In compliance with your request of July third, a check for \$100 is inclosed herewith to be applied on account of your traveling expenses to and from Key West in connection with your visit to the Tortugas Laboratory. I trust that you will have a most successful season at the Laboratory.

With best wishes, I am

Sincerely yours



Administrative Secretary

GOUCHER COLLEGE
BALTIMORE, MARYLAND

Intugas, Fla.

June 14, 1924

My dear Mr. Schmitt:

I discover that we have a camera here which you might like to use in photographing your Anostoea.

It takes an 8x10 plate, and I suggest that you bring some of that size and your preferred brand to be used in your work.

With best wishes.

Sincerely yours,

W. H. Longley

GOUCHER COLLEGE
BALTIMORE, MARYLAND

May 21, 1924

Mr. Waldo L. Schmitt,
U.S. National Museum,
Washington, D.C.

My dear Mr. Schmitt:

I have sent your letter with samples of wire and specifications for traps to Mills, who will attend to the rest.

Regarding equipment you are bringing, I think it will only be necessary for you to address it to yourself at Tortugas, Florida, via Key West.

It will not be necessary for you to provide plates for the submarine camera. I always have an abundance, and shall be glad to have you try out the instrument, if you care to.

I suppose you will be timing your arrival for Monday, July 14. Train gets in in the morning, I think. The Dohrn will be awaiting you. She usually lies at Curry's dock, so, unless notified to the contrary, the best thing you can do will be to take a cab at the railway station and have the cabman take you and your hand baggage there direct. Mills will then see about getting your other baggage and express.

An order for an abundance of pyro, hypo, sulphite, and carbonate of soda has been sent in, so it will be unnecessary for you to burden yourself with them. But any other developer you wish to use you should bring with you.

Cordially yours,

W. St. Longley

GOUCHER COLLEGE
BALTIMORE, MARYLAND

May 3, 1924

My dear Mr. Schmitt:

Such a seine as you mention is to be had at the laboratory, so it will not be necessary to add that to your equipment.

Send me a tiny sample of wire netting of the mesh you desire, or if more convenient make a bit of a sketch showing its natural size, and it can be forwarded to Mills, who will do the rest.

Don't worry about the bulk of your luggage. However great it may be it will be transported without the least difficulty.

I am very glad to note the detail with which you are organizing your campaign, and feel confident that very little will escape you.

With best wishes,

Sincerely yours,

Mr. Waldo L. Schmitt,
U.S. National Museum,
Washington, D.C.

W. St. Longley

CARNEGIE INSTITUTION OF WASHINGTON
WASHINGTON, D.C.

May 2, 1924

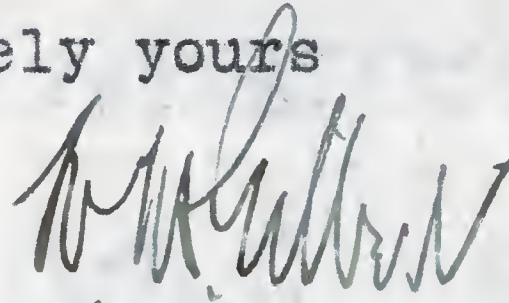
Dr. Waldo L. Schmitt
U. S. National Museum
Washington, D.C.

My dear Dr. Schmitt

We are glad to have your letter of April thirtieth with information concerning your plans for the proposed visit at the Tortugas Laboratory this summer.

In accordance with your request, there is inclosed herewith a small book of blank forms which may be used in submitting vouchers to the Institution on account of expenses which you may incur this summer and which should be paid by the Institution.

Sincerely yours



Administrative Secretary

ANNOUNCEMENT FOR INVESTIGATORS WHO VISIT THE
TORTUGAS LABORATORY IN THE SEASON OF 1924.

Plans have been made so that the Tortugas Laboratory will be open during the months of June, July, and August, 1924.

It is expected that the following investigators will undertake work at the Laboratory during the coming season and the proposed arrangements have been made with a view of accomodation to their requirements:

Paul Bartsch, U. S. National Museum
Caswell Grave, Washington University
W. H. Longley, Goucher College
S. Morgulis, University of Nebraska
H. S. Pratt, Haverford College
A. A. Schaeffer, Clark University
W. L. Schmitt, U. S. National Museum
C. V. Taylor, University of California
W. R. Taylor, University of Pennsylvania
D. H. Tennent, Bryn Mawr College

A sum not to exceed \$100 will be available to each investigator to cover necessary traveling expenses to Key West and return. This estimate is based in a general way upon the cost of travel from New York to Key West by boats of the Mallory Steamship Company. Requests for reservations on these boats should be addressed to the Mallory Steamship Company, Pier 36, North River, N.Y. The boats sail each Wednesday at noon, and the fare is \$43.20, *City* including stateroom and meals.

It is expected that the "Anton Dohrn" will make four round trips between Key West and the Laboratory during the season for the accomodation of investigators and for transporting supplies, as follows:

Leave Key West for Tortugas: Leave Tortugas for Key West:

June 3
June 17
July 15
July 29

June 15
July 13
July 27
August 25

6 a.m.

If desirable, a smaller boat, the "Vellela" may be used for intermediate trips.

The "Dohrn's" sailings provide the only stated means of communication between Key West and the Laboratory. They are designed to connect with the Mallory boats leaving New York on May 28, June 11, July 9, and July 23, respectively. The attention to investigators who may plan to reach Key West by rail is therefore called particularly to the fact that the last trains that connect with the "Dohrn" arrive in Key West on the Day preceeding her sailing.

Upon request of the President of the Institution, Dr. W. H. Longley, of Goucher College, has kindly consented to assume administrative responsibility for the Institution during the season at Tortugas for convenience of investigators with regard to necessary arrangements from day to day with respect to use of the facilities of the Laboratory and in the interests of the investigations which are planned. All questions relative to such arrangements and to the operation of the Laboratory during the season should be referred to him for adjustment.

3 doz 8x10 plates
70 film packs

6/120
720
3

film pack tank.

traki pants 2 pr
@ 1.46

under shirts
pajamas

farmers straw hat

keds 1 pr

extra glasses

cathartic

Hippa catcher

April 30, 1924.

Mr. W. de C. Ravenel,
Administrative Assistant
to the Secretary.

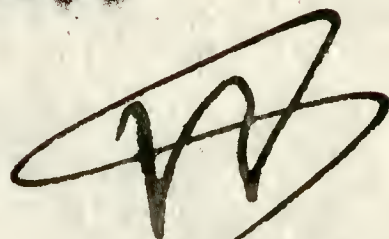
My dear Mr. Ravenel:

I thank you for granting me the necessary detail, enabling me to study the crustacea of the Tortugas region under the auspices of the Carnegie Institution.

I appreciate the opportunity afforded me more than I can say.

Sincerely,

Through Dr. Stejneger,
Head Curator of Biology.

A handwritten signature in dark ink, appearing to be 'W. de C. Ravenel', written over a long horizontal line.

April 30, 1924.

Dr. W. H. Longley,
Department of Zoology,
Goucher College,
Baltimore, Md.

My dear Dr. Longley:

I am so glad that the time I prefer, fitted in so well with your tentative scheme.

I can see that it will be best for me to bring a chest of bottles and a tank of alcohol, as well of course my binocular microscope.

Is a small 20 - 30 foot fine mesh (1/2 inch) seine included in the equipment of the laboratory. I can easily get one from the Bureau of Fisheries if not. A number of crustacea are taken while seining, which usually are not taken otherwise.

Then I shall want to construct a few traps, like lobster pots, about 3 feet square, 2 feet deep with a short funnel in the top. A little lumber and so-called pigeon wire, or finer, will be needed; of course webbing would do in place of the wire. If not available, I can bring the wire or webbing with me. Sufficient lumber or packing case boards can be found at Tortugas, or at least at Key West.

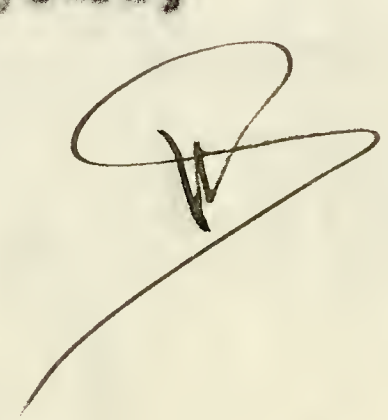
I am anxious to cover the ground as thoroughly and intensively as possible, so that the systematic end of the crustacea will completely cover the ground.

Barring a small bundle of a possible seine, and a personal suit case, my impedimenta will consist of three chests not exceeding $1\frac{1}{2} \times 2$ feet, and 125 pounds for the heaviest, the other two would each be about 100 pounds, or a little less.

I do not want to bother you with too many questions and really only write at this time, in order to acknowledge your letter of April 23. I have written Mr. Gilbert saying that unless I hear to the contrary, I should like to spend the six weeks beginning July 15, at the Tortugas Laboratory.

Sincerely yours,

WLS:C



SMITHSONIAN INSTITUTION
UNITED STATES NATIONAL MUSEUM
WASHINGTON, D. C.

April 24, 1924.

OFFICE OF
ADMINISTRATIVE ASSISTANT TO THE SECRETARY
IN CHARGE U. S. NATIONAL MUSEUM

Dr. Waldo L. Schmitt,
Curator of Marine Invertebrates,
U. S. National Museum.

Dear Sir:

In compliance with request contained in your letter of April 21, and the recommendation of the Head Curator of Biology, you are hereby granted a detail for a period of two months, commencing July 15, for the purpose of studying the crustacea of the Tortugas region under the auspices of the Carnegie Institution.

It is understood that the Museum will be placed to no expense in connection with this detail except for your salary, and I will ask you to so arrange the leaves in your division that there will be no interference with the work.

Very truly yours,


Administrative Assistant

to the Secretary.

Through Dr. Stejneger.

L. S. APR 26 1924

GOUCHER COLLEGE
BALTIMORE, MARYLAND

April 23, 1924

Mr. W. L. Schmitt,
U.S. National Museum,
Washington, D.C.

My dear Mr. Schmitt:

I am very glad to know that the last six weeks of the season will be those you prefer to spend at Tortugas.

When Mr. Gilbert talked over the arrangements for the summer with me, we did not agree that men should be invited to go between particular dates, but did lay out a scheme which seemed to be well adjusted to their needs, as far as we understood them. In that scheme we assigned you exactly those weeks you have chosen, so all is working smoothly to assure best distribution of men, and highest quality of service obtainable from equipment and crew.

Regarding the other points you mention, I should say that you must bring your own microscope; there are none at the laboratory. I think it will probably be for the best also to take your standard collecting bottle chest, and perhaps your alcohol as well. You will then know positively that you have your feet on the ground.

Don't hesitate to propound other questions, as they are bound to crop up in the course of your preparations.

With best wishes, I remain,

Sincerely yours,

W. St. Longley.

April 21, 1924.

Mr. W. de C. Ravenel,
Administrative Assistant
to the Secretary.

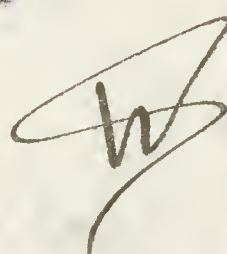
My dear Mr. Ravenel:

I have been offered the opportunity of studying the crustacea of the Tortugas region, by the Carnegie Institution, and should like to spend about six weeks at the Laboratory there, from July 15 to August 25. This would necessitate leaving Washington not later than July 12, returning September 2, a matter of about eight weeks (53 days in all).

Will you not be so kind as to grant me the necessary two months leave for "detached service," or give me the necessary detail or orders, as the case may be to enable me to undertake this bit of research. The Museum would be put to no expense, other than for my salary during the interval, and would benefit to the extent of the collections I shall make in connection with my studies.

I shall, of course, leave the work of the Division in such shape and so cared for that there will be no interference with its proper functioning. Mr. Shoemaker will act in my stead during my absence.

Respectfully,



Through Dr. L. Stejneger,
Head Curator of Biology.

GOUCHER COLLEGE
BALTIMORE, MARYLAND

April 19, 1924

My dear Mr. Schmitt:

I have been much longer answering your letter of the 12th than I anticipated in the beginning, for which I trust you will pardon me.

By this time you have received definite notice from Mr. Gilbert of the favorable action taken by the Executive Committee of the Institution on April 11, so your plans may now be developed in whatever detail you will.

All the ordinary equipment for collecting will be available at the Laboratory, I think. If you are especially concerned over any particular thing, you had better let me know about it, so that if it is not now available we may plan to secure it.

You can count, however, upon finding no literature to help you with the work of identification of your catch, except as Miss Rathbun's Porto Rican Brachyura may be present. While I think of it, it would probably be a good plan to put good thick brown paper covers on any books you take, and treasure, for otherwise the roaches will probably deface their bindings the night after your arrival. Don't infer, however, that the roaches constitute a real nuisance, or that unsanitary conditions prevail at the Laboratory.

For work in the sun a straw hat with a broad brim, approved farmer's style, something that will give you real shade, will be exactly the thing. Khaki trousers and old shirts are excellent. Canvas shoes with rubber soles, the genuine "Keds" of stoutest type are best, although old shoes are all right while they last. Other problems relating to dress need give you little concern.

For photographic work it will be wise for you to provide your own plates or films, but you will be reimbursed for their cost. The same holds for special developers you may wish to use, although there will undoubtedly be pyro and hypo there, with the other things that go with them.

If there is anything else you care to know, do not hesitate to let me know about it. If it is so important that you desire to talk it over instead of writing about it, Thursdays are my best days, and I should be glad to see you on almost any one of them, if you would let me know in advance which one suited you best. However, I may be in Washington myself soon, which might save you the trip.

Cordially yours,

W. H. Longley

CARNEGIE INSTITUTION OF WASHINGTON

WASHINGTON, D.C.

April 18, 1924

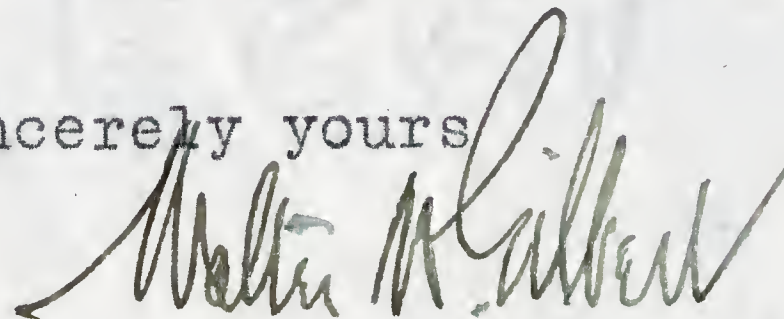
Dr. W. L. Schmitt
U. S. National Museum
Washington, D.C.

My dear Dr. Schmitt

I am glad to advise you that at a recent meeting of the Executive Committee of the Institution a definite plan, recommended by President Merriam for operation of the Tortugas Laboratory during the coming summer, was submitted and approved. This plan contemplates the operation of the Laboratory during the months of June, July, and August, 1924, and provides for the appointment of ten investigators, and for the designation of Dr. W. H. Longley to assume administrative responsibility during the season at Tortugas.

In accordance with such approval, it is a pleasure to notify you of your appointment, based upon your application for work at Tortugas this summer. The accompanying announcement will provide information relative to the plan which has been adopted, under which it is hoped that opportunity may be offered for the effective prosecution of your proposed investigations. We shall be glad to learn at your convenience of the time when you expect to reach Key West. Payment of expense accounts will be made directly from this office upon submission of customary vouchers or, if it is especially desirable, funds may be advanced to cover initial expenditures for purposes of travel.

Sincerely yours



Administrative Secretary

CARNEGIE INSTITUTION OF WASHINGTON
WASHINGTON, D.C.

March 25, 1924.

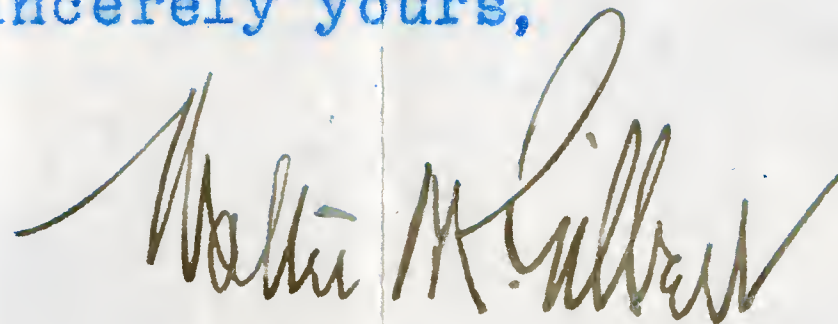
Dr. W. L. Schmitt,
U. S. National Museum,
Washington, D.C.

My dear Dr. Schmitt:

President Merriam asks me to state that tentative plans relative to the operation of the Tortugas Laboratory during the summer of 1924 are being prepared. He is hoping that at the next meeting of our Executive Committee, which is scheduled to take place early in April, definite authorization with allotment of necessary funds may be obtained for the maintenance of the Laboratory during the months of June, July and August.

While it is impossible, therefore, at this time to issue official announcement on this subject, it may prove of convenience for you to know that present plans include provision for your accommodation at the Laboratory, in accordance with your recent application. As soon as our Executive Committee has acted and a method of procedure has been approved we will provide definite word to those concerned, together with a complete statement of plans, including dates of sailings of the "Anton Dohrn" from Key West.

Sincerely yours,

A handwritten signature in dark ink, appearing to read "Walter M. Gilbert", with a stylized, flowing script.

Administrative Secretary.

GOUCHER COLLEGE

BALTIMORE, MARYLAND

February 15, 1924

My dear Mr. Schmitt:

It was very kind for you to send me a copy of your letter from MR. Gilbert acknowledging receipt of your application for the privilege of working at Tortugas next summer.

I am sorry you have to wait so long before knowing how matters will turn out. I had thought that action might be taken at an earlier date than April 1. However, we shall continue to hope that all may be well.

Cordially yours,

Mr. Waldo L. Schmitt,
U.S. National Museum,
Washington, D.C.

W. St. Lingley

Bull
Jan. 26, 1924.

Dr. W. H. Longley,
Department of Zoology,
Goucher College, Md.

Dear Dr. Longley:

Here is a carbon of the letter I wrote to Dr. Merriam. I hope it
"fills the bill" and meets with your approval.

The suggestions and encouragement which you have given me make me
very anxious to get at this job just as soon as possible.

My very best regards to you.

Sincerely yours,

WLS:C
Enclosure.

Dr. J. C. Merriam, Director
Carnegie Institution of Washington
16 and P St. N.W.
Washington, D.C.

My dear Dr. Merriam,

My attention has been called to a recent announcement in SCIENCE, January fourth, stating that the Tortugas Laboratory will be open next summer to a limited number of investigators.

I should like very much to avail myself of that opportunity ~~to~~ and spend a month or six weeks at the Laboratory for the purpose of studying and collecting the decapod crustacea ~~for the~~ ^{in the} preparation of a systematic-ecologic report of the ~~Tortuga~~ forms represented in the Tortugas region.

The systematic basis I contemplate would be on the order of a hand-book, useful in connection with such future studies as may be undertaken in the crustacea of that region, ~~complete~~ ^{amplified} ~~and~~ ^{extended} ~~for~~ the ecologic side, by such

field notes and observations ^{an}
could be made. That ^{latter} is a phase
of the study of crustacea in which
almost everything yet remains to
be done.

~~My position~~
I am so situated here at the
Museum that I could spend any
four or six ~~consecutive~~ consecutive weeks
at the Laboratory during the time that
it might be open, and so could
go either early or late in the season
as might be preferable in view of such
other applications as you may receive.
The studies ~~of~~ ^{I desire} ~~to undertake~~ ^{to undertake}
would require no ~~other~~ apparatus or
equipment other than ~~is now at~~ the
laboratory now possesses, or could
be obtained from the National Museum.

I believe (in the past) that your
Institution has to a certain extent
contributed somewhat toward the
expenses of approved investigators;
~~if so I earnestly request to be~~

~~not to be~~

~~The~~ ^{the} present state of my finances would not permit me to undertake these ~~major~~ studies if I had to defray the entire cost myself

Sincerely,

P.S. If desired, I shall ~~be~~ gladly ~~to~~ furnish a list of the papers I have prepared along these lines ~~of the~~, 'published or now in press.

GOUCHER COLLEGE
BALTIMORE, MARYLAND

January 23, 1924

Mr. Waldo L. Schmitt,
U.S. National Museum,
Washington, D.C.

My dear Mr. Schmitt:

It gives me great pleasure to know that you are inclined to avail yourself of whatever opportunity the Carnegie Institution may be able to afford you for working on Tortugas Decapoda next summer..

In regard to the matter of expense I can say only that the Institution has in the past been accustomed to bear the expense of transportation, at least up to the amount of a round trip from New York to Key West by Mallory Line (\$86.40), and practically the entire expense of Maintenance during the approved investigator's stay. It is to be assumed, I think, that this practice will be continued, in which case you would draw upon your private account for very little.

As matters stand, you ^{had} better write to President Merriam, saying that your attention has been called to the announcement in Science to which I referred you, and stating your desire to spend a month or six weeks studying and collecting Tortugas Decapoda with the idea of working them up systematically and ecologically.

The word to the effect that your attention was called to the Carnegie announcement will be enough to make it clear, I think, (in view of other facts known to the Institution) that I am the guilty party, without emphasizing the fact overmuch.

Whether you are to have collaborators or not, is not a matter that requires to be specified at present. But if you may have your leave at practically any time you desire it, that should be mentioned for the benefit of all concerned, since it will permit the schedule of investigators to be fixed most aptly. It is also worth mentioning that your research will require practically no apparatus, which the laboratory does not doubtless already possess.

As I said before, I have no official standing in this matter, but I believe the chances favor your project. In any case you lose nothing by making the venture.

Sincerely yours,
W. H. F. P. P. P.

January 22, 1924.

Dr. W. H. Longley,
Department of Zoology,
Goucher College,
Baltimore, Maryland.

My dear Prof. Longley:

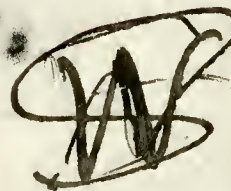
What you write appeals to me more than I can say. There is probably nothing that I would rather do than participate in a report of the crustacea of the Tortugas region. Your generosity in offering to contribute to the ecologic side of it, shall certainly be taken advantage of in getting out the sort of paper you suggest. I shall be only too glad to collect and work up the systematic and bibliographic end, if you will assist or lead the ecologic phase with your field observations.

May I frankly ask you if the Carnegie Institution makes any contribution towards the expenses of approved investigators. The present state of my finances would not permit me to make the trip and the stay at the Station if I had to bear the entire expense myself. As you may know, though in prospect, "reclassification" is not with us yet. As far as leave or time is concerned, I am sure I could obtain without question the month or six weeks as an official grant from the Museum. Are you taking this systematic ecologic project up with Dr. Merriam?

Miss Rathbun should by all means "do" the crabs. I can look out for the Macrurus or shrimplike forms, and the hermit crabs and their relations. Then, with your ecologic notes we could get out quite a comprehensive joint-authorship report.

Here's hoping,

Sincerely,



WLS:C

GOUCHER COLLEGE
BALTIMORE, MARYLAND

January 17, 1924

Mr. Waldo L. Schmitt,
National Museum,
Washington, D.C.

My dear Mr. Schmitt:

I do not know whether you have noticed the announcement of the Carnegie Institution in Science of January 4, stating that the Tortugas Laboratory will be open next summer to a small number of investigators.

If you are interested in making your own collections of Tortugas Decapods, and working them up in the excellent fashion in which you handled those of San Francisco Bay, this may possibly be just your opportunity.

I can assure you that the decapod fauna of Tortugas is fairly rich, and that its ecological study would be very interesting: so interesting, indeed, that if you provided the necessary taxonomic basis, and did not care to go farther, I should almost be tempted to undertake it myself some day; or, if you cared to go no farther, to collaborate with you in some way in working up the ecological side, where my experience with the divinghood, and a certain amount of information already gathered regarding the behaviour of the crabs in nature, might be of some value.

I should be glad to know how you feel about it. For although I have no official standing ~~the~~ in the matter, I do know many things that might be of service to you in shaping your plans, and for purely personal reasons should very much like to see you work up these crustacea, if opportunity permits.

Yours very truly,

W. S. Longley